

**46321. CARICA sp. Papayaceæ.**

From Tampico, Mexico. Presented by Mr. Harry Hummel. Received July 13, 1918.

"*Papaya broncha*. This is the everblooming papaya; it produces a fruit about 3 inches long and 2 inches in diameter. The trees grow wild in the woods, can be transplanted at any time of the year, require no attention except water, and I believe if cultivated will produce a larger fruit." (*Hummel*.)

**46322 to 46328.**

From Rio Grande, Brazil. Obtained by Mr. Samuel T. Lee, American consul. Received July 13, 1918.

These legumes have been introduced for use in a series of experiments in testing and breeding varieties of South American beanlike plants, for the purpose of selecting or developing strains suited to the various conditions obtaining in different parts of the United States.

**46322 to 46326. PHASEOLUS VULGARIS L. Fabaceæ. Common bean.**

**46322.** *Feijão carico.*                      **46325.** *Feijão da praia.*

**46323.** *Feijão tupi.*                      **46326.** *Feijão preto.*

**46324.** *Feijão branco.*

**46327 and 46328. VIGNA SINENSIS (Torner) Savi. Fabaceæ. Cowpea.**

**46327.** *Feijão mindo branco.*              **46328.** *Feijão mindo oscuro.*

**46329 to 46332.**

From Loanda, Angola, Africa. Presented by Mr. John Gossweiler, Department of Agriculture. Received July 16, 1918.

**46329. RAPHA GAERTNERI Mann and Wendl. Phœnicaceæ.**

A tropical African palm with a simple erect stem and a crown of pinnately compound leaves made up of linear-lanceolate, acuminate segments with the margins recurved at the base. The scaly chestnut-brown fruits, 2 to 3 inches long, are borne in pendent clusters. (Adapted from *Thiselton-Dyer, Flora of Tropical Africa, vol. 8, p. 105.*)

**46330. SOLANUM MACROCARPON L. Solanaceæ.**

A stout undershrub with a much-branched smooth stem and ovate, sinuate-margined leaves 8 inches long. The racemose cymes, opposite the leaves, bear blue-purple flowers, 1 to 2 inches broad, which are followed by globose, yellow fruits the size of an apple. (Adapted from *Thiselton-Dyer, Flora of Tropical Africa, vol. 4, sec. 2, p. 214.*)

**46331. GLADIOLUS sp. Iridaceæ.**

**Gladiolus.**

Received without description.

**46332. SESAMUM ANGOLENSE Welw. Pedaliaceæ.**

An erect herb, often 8 feet high, native to tropical Africa. The square stems are clothed with numerous oblong to ovate wavy margined leaves 2 to 4 inches long. The solitary, axillary flowers have brilliant violet-purple, obliquely campanulate corollas, 2 to 3 inches long. (Adapted from *Thiselton-Dyer, Flora of Tropical Africa, vol. 4, sec. 2, p. 555.*)